



Replacement Sheet

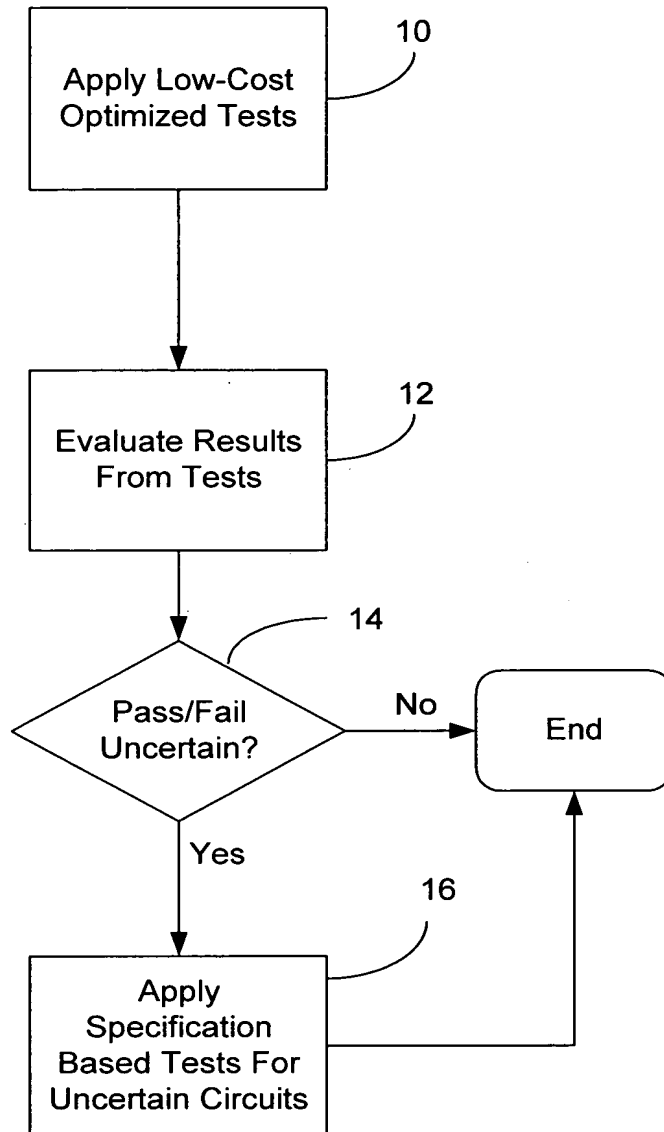


FIG. 1



Replacement Sheet

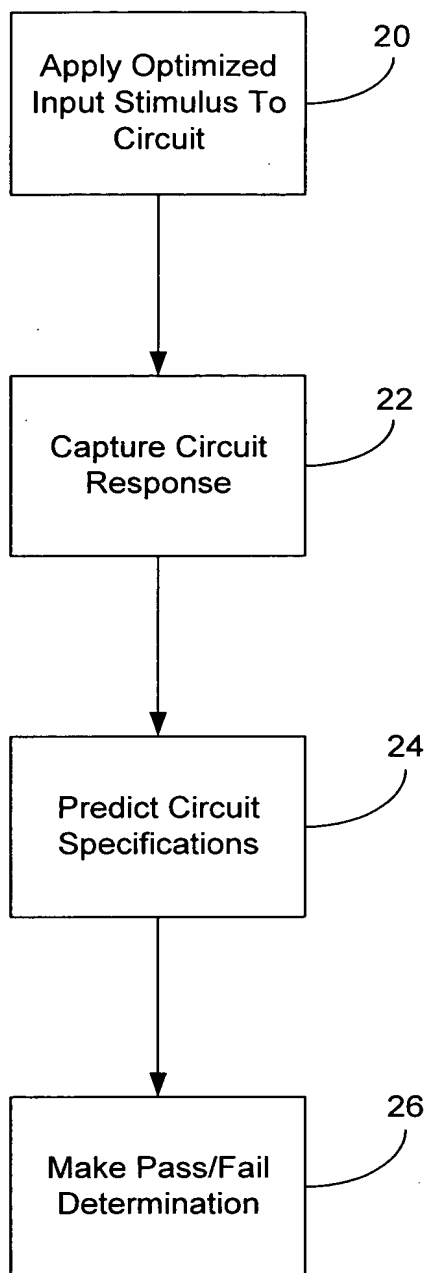


FIG. 2

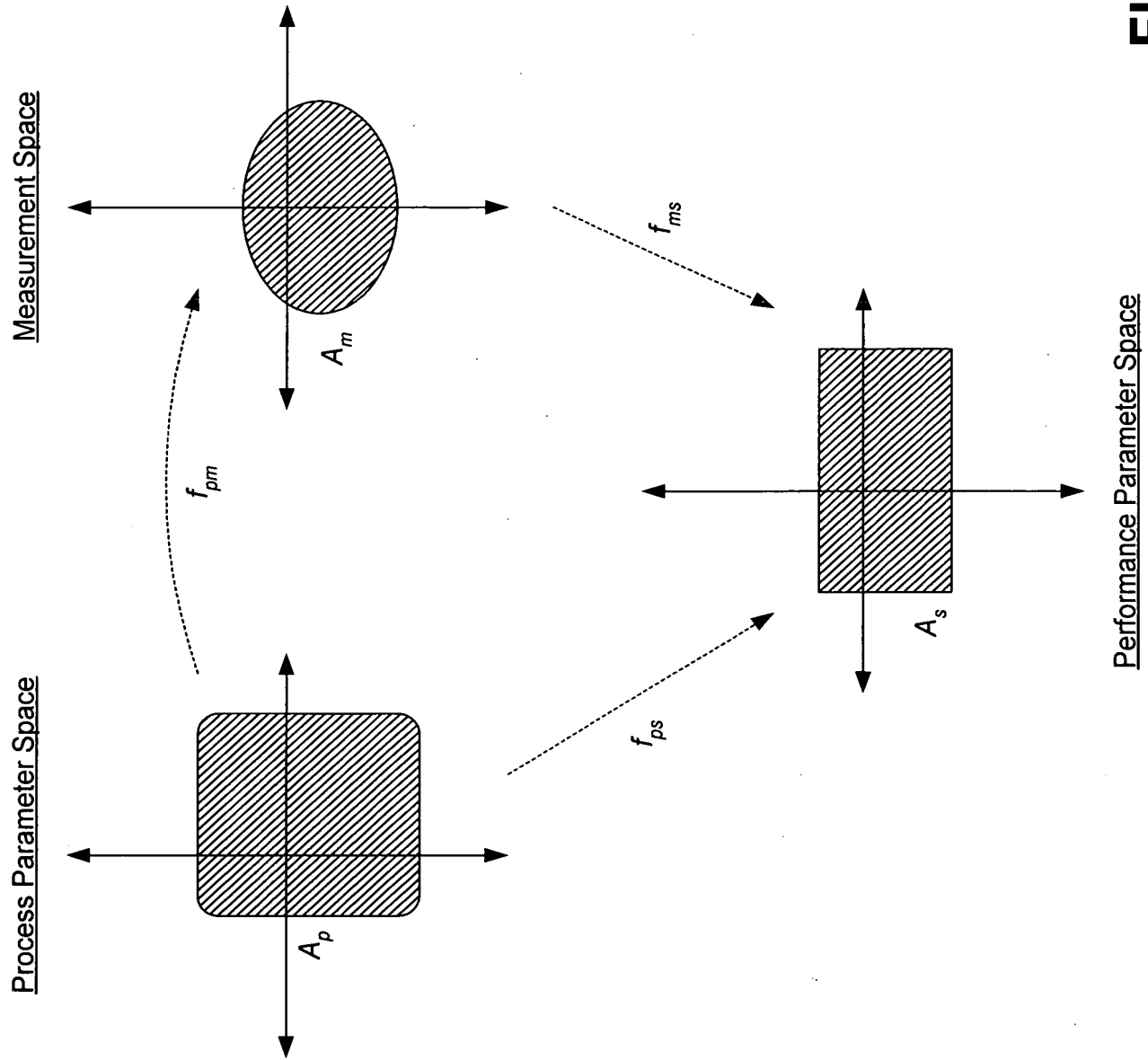


FIG. 3



Replacement Sheet

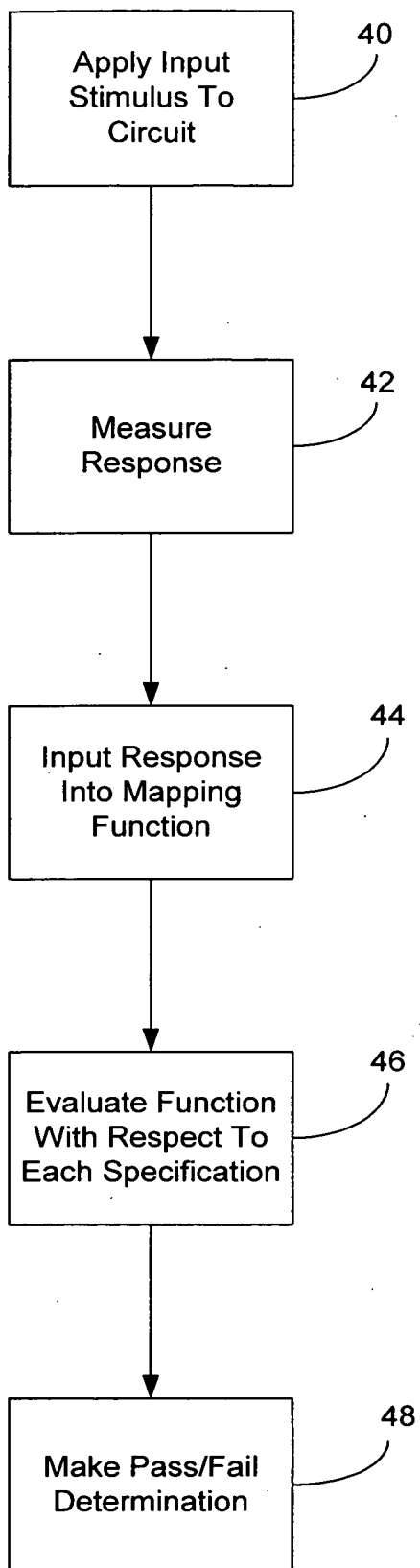


FIG. 4

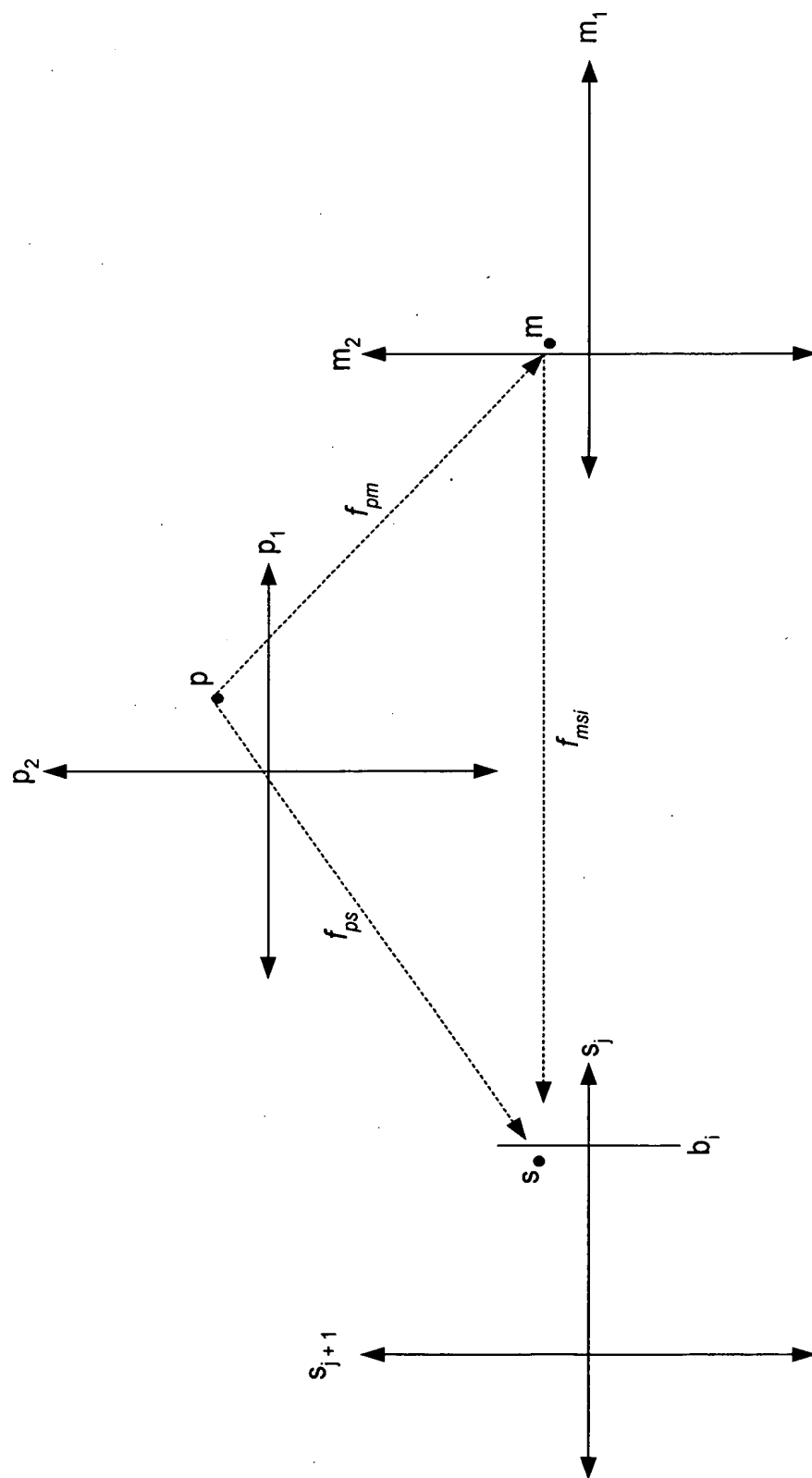


FIG. 5

Replacement Sheet

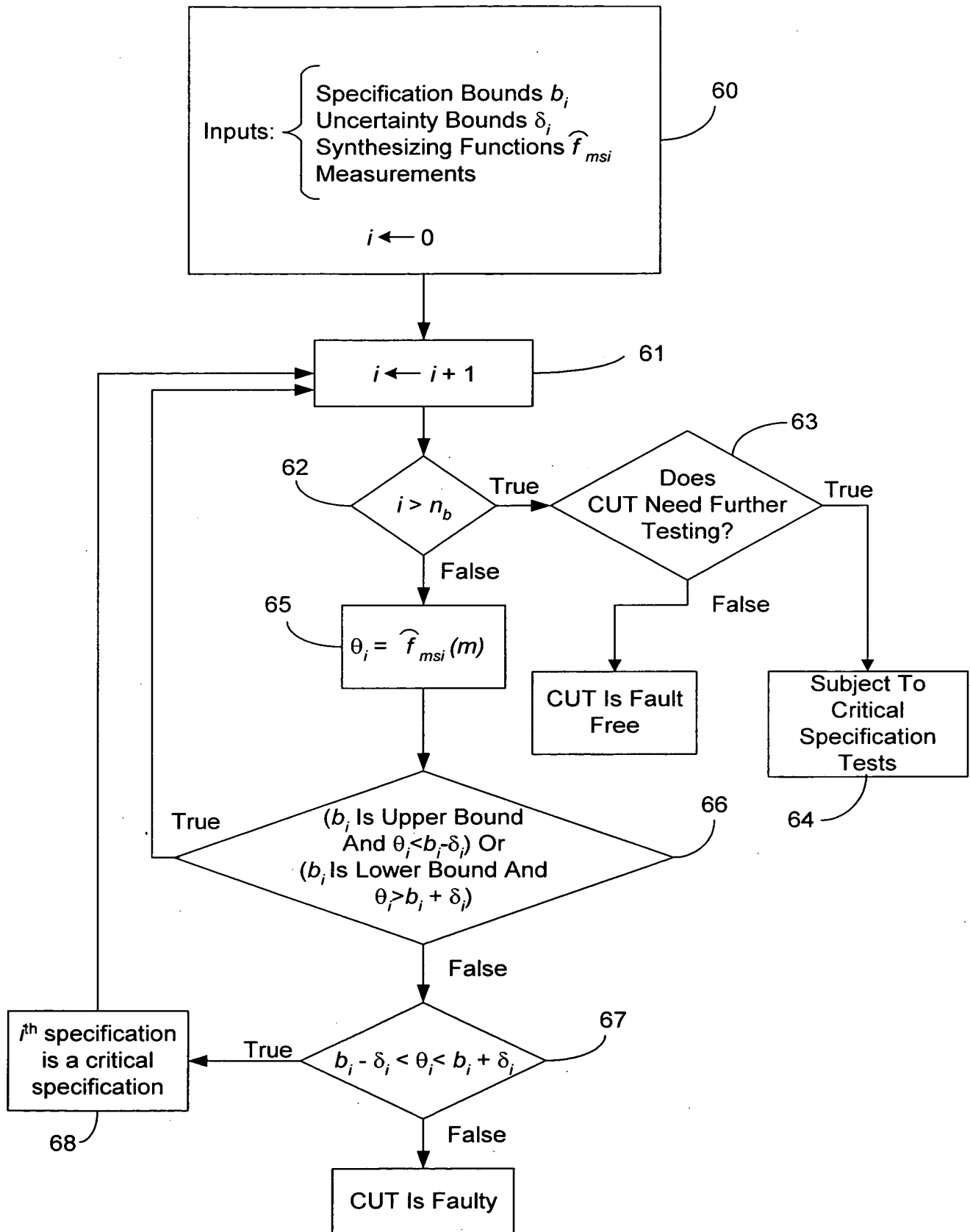


FIG. 6

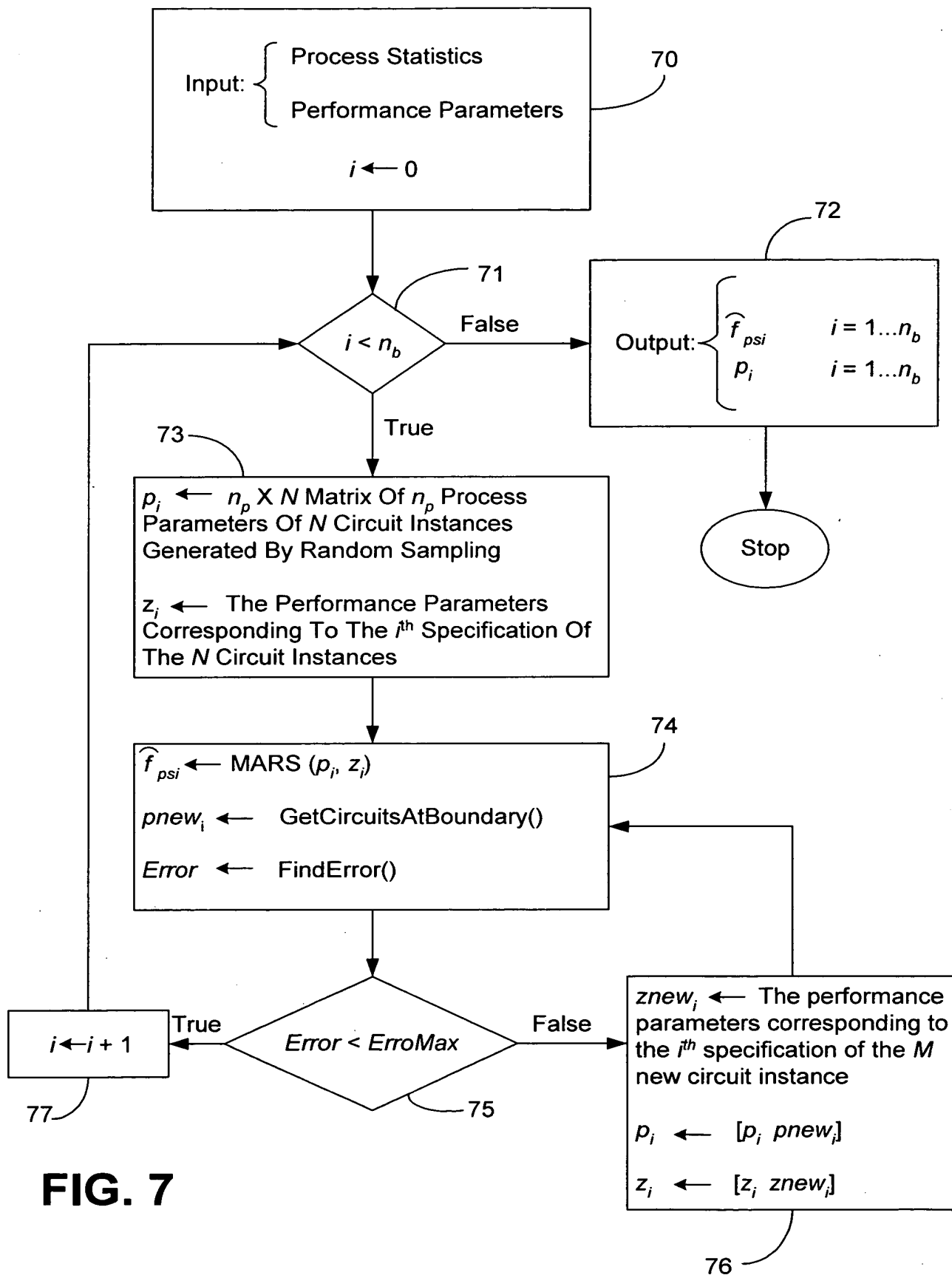


FIG. 7



Procedure OrderMeasurements

- 01 for each j^{th} single ended specification
- 02 for each measurement
- 03 remove the measurement from the list of independent variables
- 04 derive the synthesizing function using MARS. Use the training set generated by GenerateTrainSet to train MARS
- 05 calculate the variance σ^2_{ei}
- 06 end for
- 07 order the measurement in the ascending order of σ^2_{ei}
- 08 end for

Procedure SelectMeasurements

- 01 for each single ended specification
- 02 selected measurements = \varnothing
- 03 repeat
- 04 add the measurement with lowest σ^2_{ei} to the set of selected measurements
use the ordered list of measurements generated by OrderMeasurements
- 05 derive the synthesizing function with the selected set of measurements
- 06 calculate the variance σ^2_{ei}
- 07 until σ^2_{ei} starts increasing
- 08 end for

FIG. 8

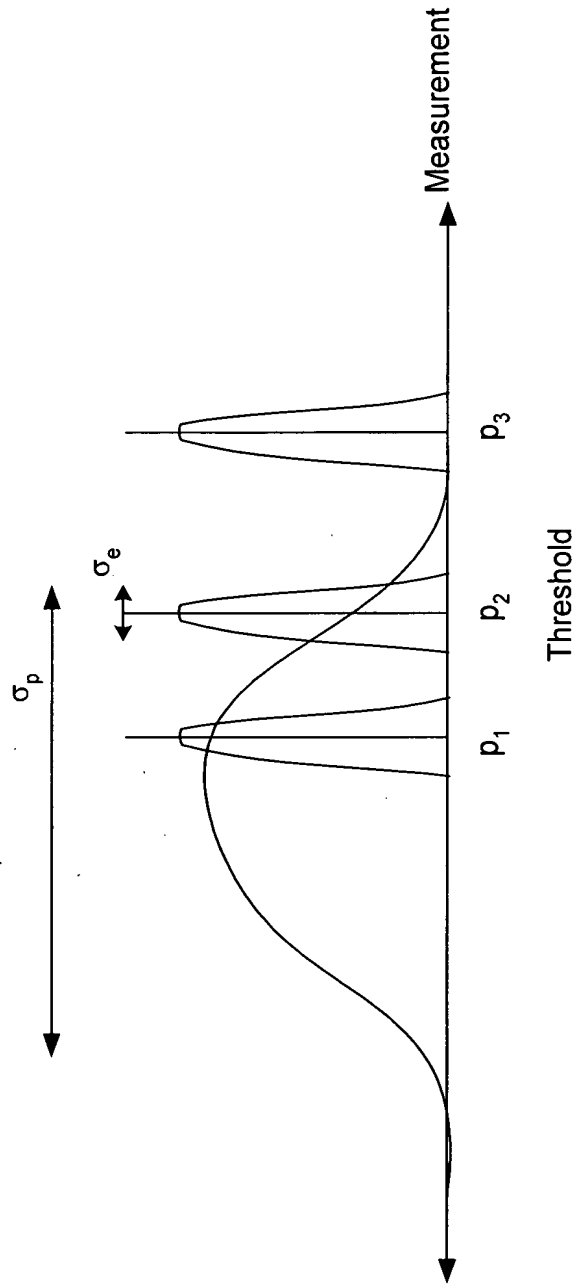


FIG. 9

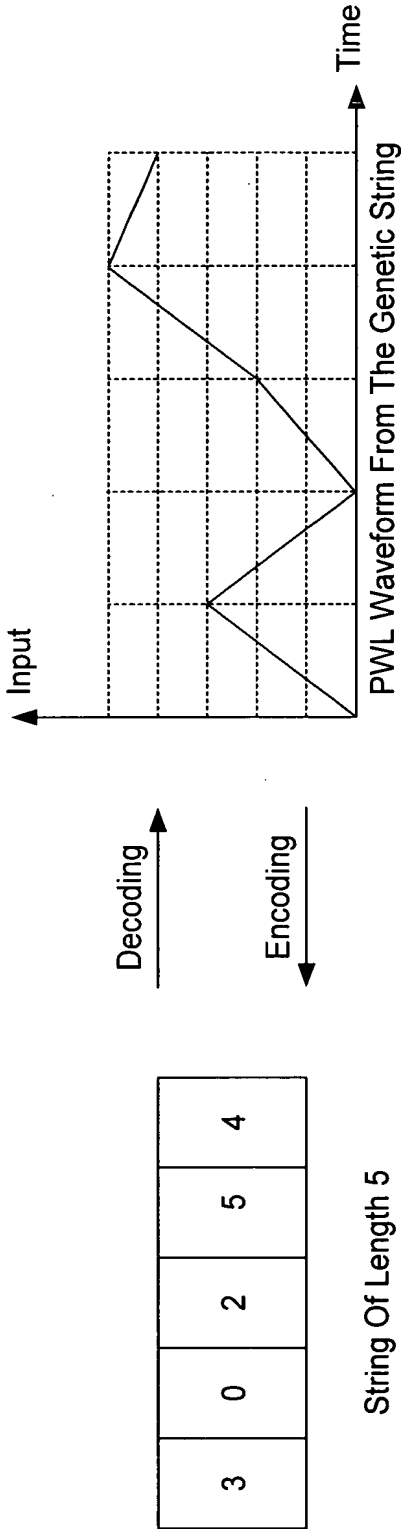


FIG. 10

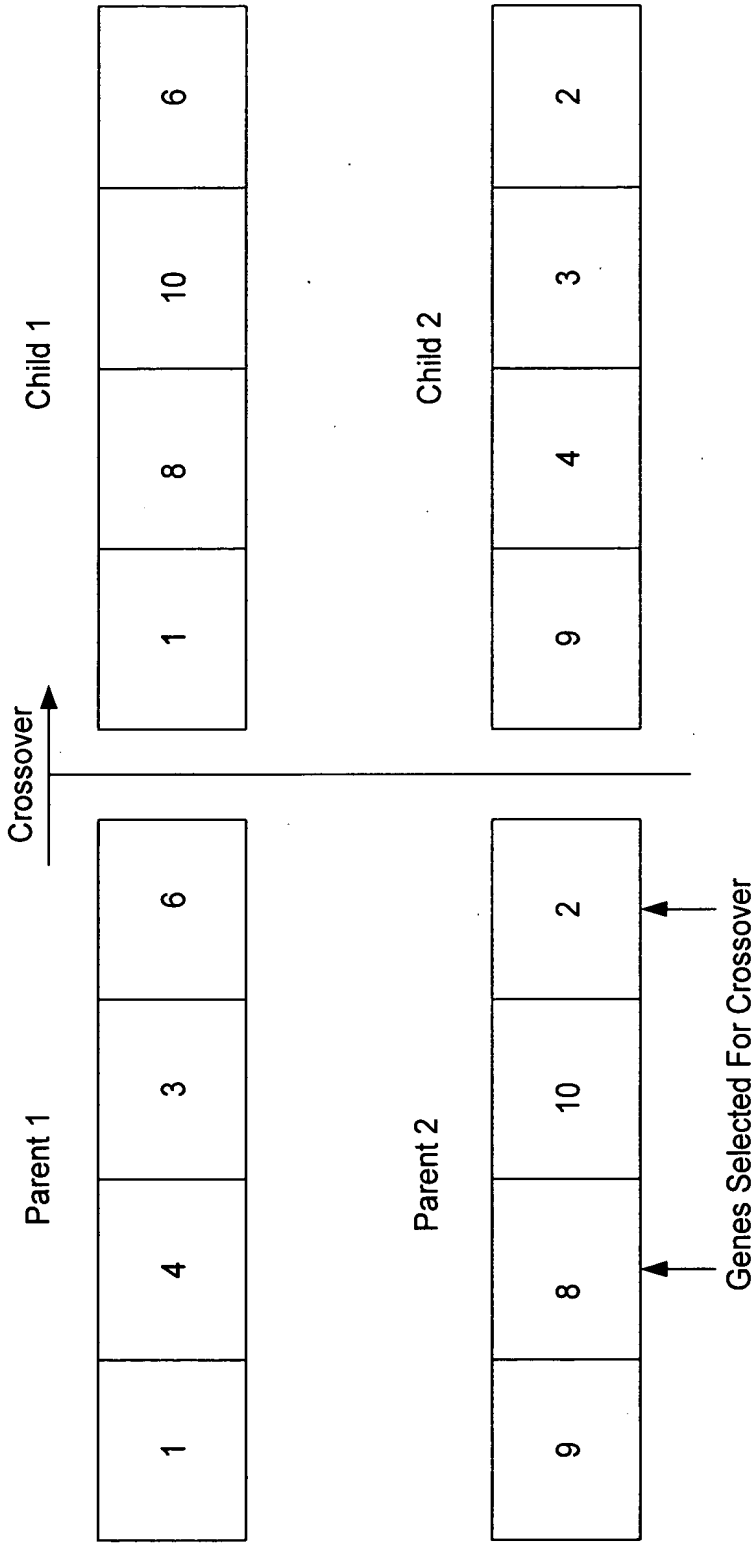


FIG. 11